



Notes:

- 1) Basemap from: "Remedial Investigation/Feasibility Study Report Sauget Area 2", URS Corporation, St. Louis, Missouri, January 30, 2004.
- 2) Chlorobenzene concentration data from other sources added to the model, and all source concentrations were set to the maximum observed value at each source rather than the average observed value. The River Ranney well was relocated to the northeast tip of Site R and the Plant Ranney wells were moved to the locations shown in Figure 2. Model run with a dispersivity of 46 ft, no retardation, biodegradation rate constant of 0.0011 day^{-1} ($t_{1/2} = 602 \text{ days}$), and infiltration rate of 7.645 in/yr (increased from 7.3 in/yr).

LEGEND

- 1.0— Isoconcentration Contour (mg/L)
- 391— Groundwater Elevation Contour (ft MSL)

SCALE (ft)



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Revised:	--	Approved By:	CJN
Scale:	As Shown		FIGURE 16

Qualitative Calibration: Case 7
Deep Hydrogeologic Unit (Layer 3 in Model)

REGIONAL GROUNDWATER FATE AND TRANSPORT MODEL
American Bottoms Aquifer